

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS: IIN-D407-797-1 REV. A, IIN-D206-797-2 REV. A  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS : ICA-D407-797 REV. 0

REF CANADIAN STC: SH11-1

REF FAA STC: SR02996NY

REF EASA STC: 10035429

## PURPOSE:

THE PURPOSE OF THIS DART SERVICE INSTRUCTIONS (DSI) IS TO ALLOW CUSTOMERS WHO HAVE PURCHASED A D407-797-011/-012/-013/-014 OR D206-797-021/-022/-023/-024 QUICK RELEASE HELI-UTILITY- BASKET™ (BASKET) KIT @ CHANGE 001 AND WISH TO INSTALL A D407-797-311 QUICK RELEASE HELI-ACCESS-STEP™ (STEP), TO MODIFY THE D407-797-111 / D206-797-211 QUICK RELEASE BASKET MOUNTING KITS TO CHANGE 002 TO ALLOW INSTALLATION OF THE STEP.

## PROCEDURE:

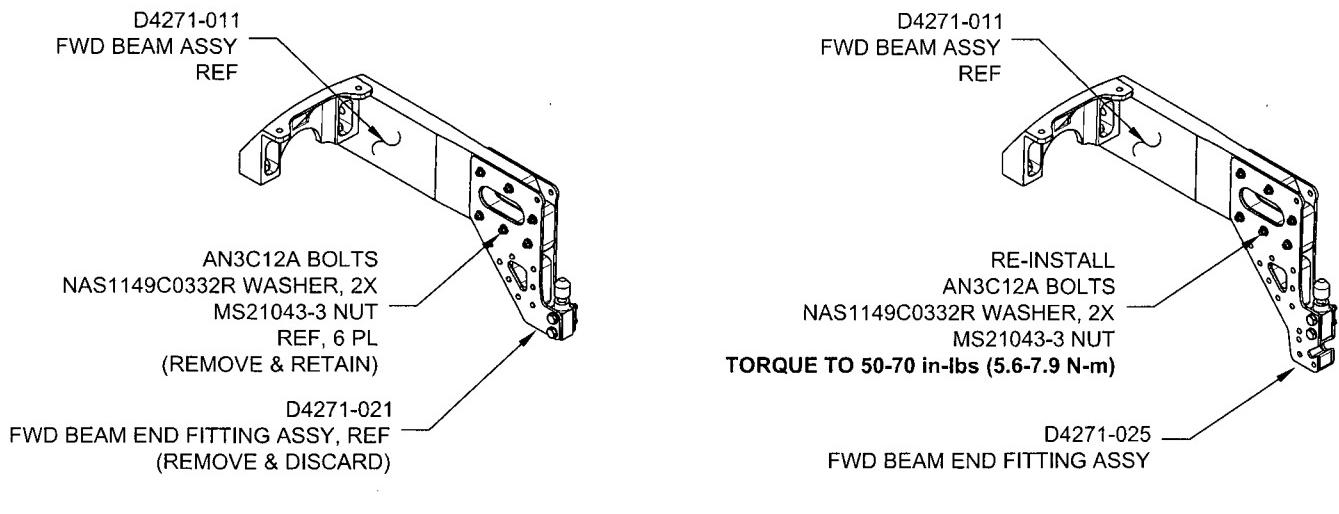
1. IF INSTALLED REMOVE THE BASKET ASSEMBLY FROM THE AIRCRAFT.
2. LOCATE THE D4271-011 FWD BEAM ASSEMBLY (SEE FIGURE 1 OF THIS SERVICE INSTRUCTION) AND REMOVE THE D4271-021 FWD BEAM END FITTING ASSEMBLY BY REMOVING QTY (6) AN3C12A BOLTS. RETAIN THE HARDWARE AND DISCARD D4271-021.
3. REPLACE THE D4271-021 WITH THE D4271-025 FWD BEAM END FITTING ASSEMBLY USING THE RETAINED HARDWARE. TORQUE AN3C12A BOLTS TO 50-70 in-lbs (5.6-7.9 N-m).
4. LOCATE THE D4271-013 AFT BEAM ASSEMBLY (SEE FIGURE 2 OF THIS SERVICE INSTRUCTION) AND REMOVE THE D4271-023 AFT BEAM END FITTING ASSEMBLY BY REMOVING QTY (6) AN3C12A BOLTS. RETAIN THE HARDWARE AND DISCARD D4271-023.
5. REPLACE THE D4271-023 WITH THE D4271-027 AFT BEAM END FITTING ASSEMBLY USING THE RETAINED HARDWARE. TORQUE AN3C12A BOLTS TO 50-70 in-lbs (5.6-7.9 N-m).
6. UPDATE WEIGHT AND BALANCE PER IIN-D407-797-1 REV. B OR IIN-D206-797-2 REV. B.

## PARTS LIST:

| QTY.<br>-011 | PART NUMBER  | DESCRIPTION                   |
|--------------|--------------|-------------------------------|
| X            | DSI-9566-011 | BEAM MODIFICATION KIT         |
| 1            | D4271-025    | FWD BEAM END FITTING ASSEMBLY |
| 1            | D4271-027    | AFT BEAM END FITTING ASSEMBLY |

|                         |          |
|-------------------------|----------|
| CANADA                  |          |
| DEPARTMENT OF TRANSPORT |          |
| AIRCRAFT CERTIFICATION  |          |
| BRANCH                  |          |
| DAO # 01-O-01           |          |
| APPROVED                |          |
| BY:                     |          |
| D. SHEPHERD (DE # 02)   |          |
| DATE:                   | 11.08.19 |
| CERT. NO.:              | SH11-1   |
| ISSUE NO.:              | 2        |

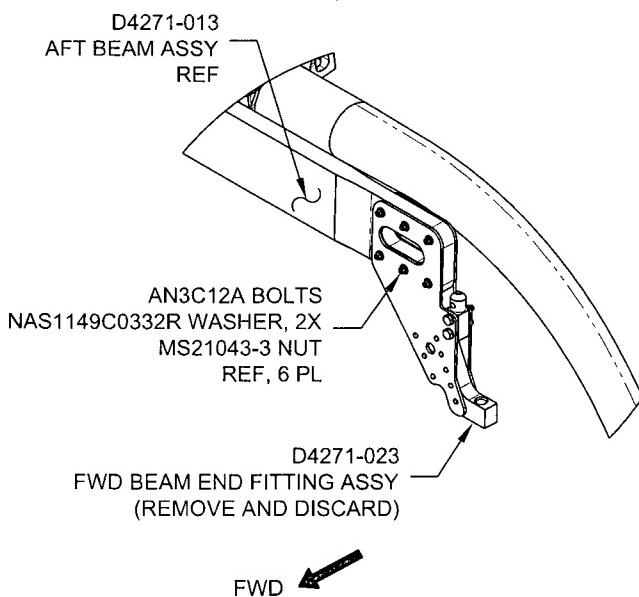
|            |             |  |              |
|------------|-------------|--|--------------|
| A          | NEW ISSUE   | AJS  | 11.08.01     |
| REV.       | DESCRIPTION | BY   | DATE         |
| DESIGN     | AJS         | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA   |              |
| DRAWN      | AJS         |  |              |
| CHECKED    |             | DRAWING NO.  | REV. A       |
| MFG. APPR. | N/A         | DSI 9566   | SHEET 1 OF 2 |
| APPROVED   |             | TITLE  | SCALE        |
| DE APPR.   |             | BEAM MOD FOR STEP INSTALLATION   | NTS          |
| DATE       | 11.08.01    | COPYRIGHT © 2011 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |



FWD ↗

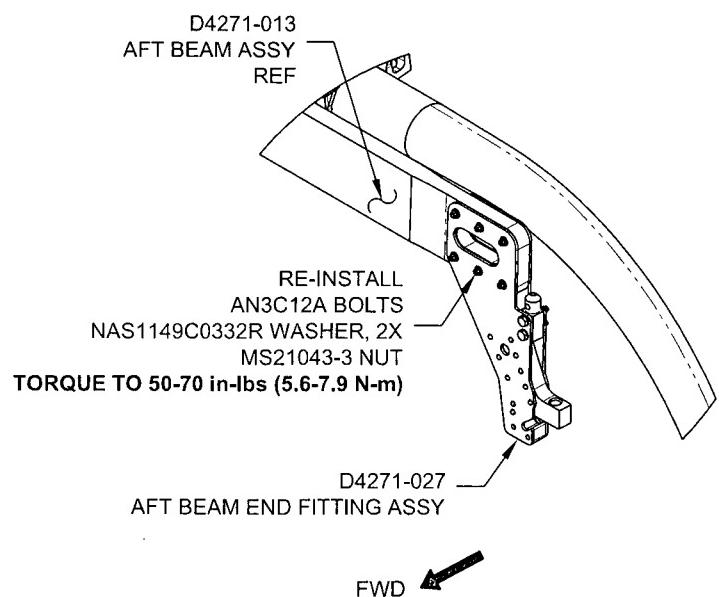
**FIGURE 1 (FWD BEAM MOD)**  
(LH INSTL SHOWN RH OPPOSITE)  
(FWD CROSSTUBE NOT SHOWN FOR CLARITY)

FWD ↗



FWD ↗

**FIGURE 2 (AFT BEAM MOD)**  
(LH INSTL SHOWN RH OPPOSITE)



FWD ↗

|  |                    |
|--|--------------------|
| CANADA<br>DEPARTMENT OF TRANSPORT<br>AIRCRAFT CERTIFICATION<br>BRANCH<br>DAO # 01-0-01 |                    |
| <b>APPROVED</b>  |                    |
| BY:  | <i>[Signature]</i> |
| D. SHEPHERD (DE # 02)  |                    |
| DATE:  | 11.08.19           |
| CERT. NO.:   | SH11-1             |
| ISSUE NO.:   | 2                  |

| DESIGN     | AJS                | DART AEROSPACE LTD   |              |
|------------|--------------------|--|--------------|
| DRAWN      | AJS                | HAWKESBURY, ONTARIO, CANADA  |              |
| CHECKED    | <i>b</i>           | DRAWING NO.  | REV. A       |
| MFG. APPR. | N/A                | DSI 9566   | SHEET 2 OF 2 |
| APPROVED   | <i>[Signature]</i> | TITLE  | SCALE        |
| DE APPR.   | <i>[Signature]</i> | BEAM MOD FOR STEP INSTALLATION   | NTS          |
| DATE       | 11.08.01           | COPYRIGHT © 2011 BY DART AEROSPACE LTD   |              |
|            |                    | THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |